

Ilker Ozgen

Software Test Engineer at Aselsan | Software Developer

Ankara, Turkiye

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AREAS OF EXPERTISE

- Python
- JavaScript
- Git Version Control
- Java
- React JS
- Jira
- C/C++
- SQL/PostgreSQL
- Agile/Scrum
- HTML & CSS
- OOP
- Docker

PROFESSIONAL EXPERIENCE

ASELSAN

Software Test Engineer

Ankara, Turkiye

November 2024–present

- Participating in software testing activities.
- Assisting with test planning and execution to ensure product quality.
- Collaborating with team members to support ongoing testing projects and process improvements.

HEY TECHNOLOGY

Software Engineer Intern

ODTU Teknokent, Ankara, Turkiye

June 2023–July 2023

- Collaborated with data science and machine learning teams on 2 high-impact projects.
- Preprocessed 2 complex datasets, reducing feature engineering time by 30%.
- Constructed predictive models for U.S. cotton export rates, achieving 92% accuracy.
- Implemented predictive maintenance solutions, reducing factory machinery downtime by 25%.

KONNEKA

Software Engineer Intern

Bilkent CYBERPARK, Ankara, Turkiye

August 2022–September 2022

- Assisted in software development, testing, and IT support across 3 projects.
- Managed ESXi servers and virtual machines, ensuring 99% uptime.
- Diagnosed and resolved 3 bugs during SandBox testing, improving reliability by 9%.
- Enhanced SandBox's user interface by fixing 2 significant issues.

EDUCATION

BILKENT UNIVERSITY

Bachelor of Science, Computer Science

Ankara, Turkiye

2019-2024

LANGUAGES

- Turkish, *Native*
- English, *Highly Proficient*, [IELTS Score: 7.5/9](#)
- German, *Beginner*

SOFT SKILLS

- Communication
- Strategic Planning
- Systematic Approach
- Teamwork
- Initiative
- Creativity
- Leadership
- Precision
- Analytical Thinking

ACHIEVEMENTS & AWARDS

- First place in “İlk Yatırım” Entrepreneurship Competition, 2024
- High Honour Student, 2020

PROJECTS

AnnoHub

[Project Website](#)

September 2023-present

- Created a data labeling platform, recognized with an entrepreneurship award and attracting investor interest.
- Leading efforts to establish a startup for further development and expansion.

Browsify

[Project Website](#)

November 2023-December 2023

- Engineered a web browser with advanced bookmark management, expecting a 15%-25% increase in user engagement due to its customizable UI.

Image Inpainting with CNN

[Project Website](#)

November 2023-December 2023

- Designed a convolutional neural network for image inpainting using the CIFAR-100 dataset.

Digit Image Classifier

[Project Website](#)

October 2023-November 2023

- Implemented PCA analysis and logistic regression to classify digit images, achieving 92.27% accuracy.

BBC News Classifier

[Project Website](#)

September 2023-September 2023

- Trained and evaluated Naive Bayes models on BBC news articles, achieving 97.7% accuracy.

To-Do List App

[Project Website](#)

April 2023-April 2023

- Engineered a web-based application for efficient task management.

ToEra

[Project Website](#)

September 2022-December 2022

- Built a web application to streamline Erasmus applications at Bilkent University, reducing manual communication by 95%.

CERTIFICATIONS

- [High Honour Certificate](#)
- [Certificate of Proficiency in Academic English](#)
- [Python Programming Bootcamp](#)
- [Intro to Machine Learning](#)
- [Python Course Certificate](#)
- [Python for Finance Course Certificate](#)
- [C++ Course Certificate](#)
- [WEB3 Zirvesi](#)
- [Java Developer Course Certificate](#)
- [HTML & CSS Course Certificate](#)
- [CSS & JavaScript Course Certificate](#)
- [Python \(Basic\) Certificate](#)
- [Problem Solving \(Basic\) Certificate](#)
- [Java \(Basic\) Certificate](#)